



Parts Bulletin

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Section: 20-201A

Model: Optima, Sorento, and Sportage

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Date: June 16, 2017

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THETA II ENGINE SAFETY RECALL (SC147)

This bulletin provides information related to the inspection and, if necessary, replacement of the engine assembly on certain 2011 to 2014 model year Optima, Sorento, and Sportage vehicles. For repair information please refer to Technical Service Bulletin SC-147. For part and ordering information, please see below.

SC147 Theta II Engine Part Numbers and Vehicle Application

	Part #	Application*	Order Controls
Engines	21101 2GK05Q0K or 21101 2GK14Q0K***	11-13MY US built Optima 2.4L	Can only be ordered thru WebDCS (restricted in PartsEye). Affected SC147 VIN required for order entry in WebDCS.
	21101 2GK06Q0K	14MY US built Optima 2.4L	
	21101 2GK07Q0K or 21101 2GK15Q0K***	11-13MY US built Optima 2.0L	
	21101 2GK08Q0K	14MY US built Optima 2.0L	
	21101 2GK09Q0K	12-13MY Sorento 2.4L	
	21101 2GK10Q0K	14MY Sorento 2.4L ULEV**	
	21101 2GK11Q0K	14MY Sorento 2.4L ULEV or SULEV**	
	21101 2GK13Q0K	11-13MY Sportage 2.0L	
	21101 2GK05Q0K*** or 21101 2GK14Q0K	11-13MY Korea built Optima 2.4L	
	21101 2GK07Q0K*** or 21101 2GK15Q0K	11-13MY Korea built Optima 2.0L	
Service Kits	21111 2GK50Q0K	#1 - 2.4L Engines	Same as above (WebDCS only, VIN required)
	21111 2GK60Q0K	#1 - 2.0L Engines	
	21111 2GK70Q0K	#2 - ALL ENGINES	
Bolts – Fly Wheel	23231 25200	7 needed, ALL ENGINES w/Manual Trans	Order quantities capped
Bolts – Drive Train	23311 25050	7 needed, ALL ENGINES w/Automatic Trans	
Dipstick	26611 2G050Q0K	11-13MY only - ALL ENGINES	Order quantities capped

*VINs beginning with K=Korea sourced; VINs beginning with S=US sourced

**Reference vehicle emissions label found under the hood for ULEV or SULEV application (see following photo)



***Supersession chains will be established September 1, 2017

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web a fluid container sealed by a piston is open c in this case an external axial force f_a is mandatory for equilibrium of the overall piston and cylinder assembly a bicycle pump is a common example if a_i is the internal circular area then a free body of either piston or cylinder end c must have $f_a p_i a_i$ and there is no need for axial wall stresses to

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